

Claims.

Claims 1 to 17, 21, 24, 28, 31, and 32 are Canceled.

Claims 18 to 20, 22, 23, 25, 26, 27, 29, 30, 33 to 35 are New.

- 1.** (Canceled).
- 2.** (Canceled).
- 3.** (Canceled).
- 4.** (Canceled).
- 5.** (Canceled).
- 6.** (Canceled).
- 7.** (Canceled).
- 8.** (Canceled).
- 9.** (Canceled).
- 10.** (Canceled).
- 11.** (Canceled).
- 12.** (Canceled).
- 13.** (Canceled).
- 14.** (Canceled).
- 15.** (Canceled).
- 16.** (Canceled).
- 17.** (Canceled).

18. (New). A skin antiaging cosmetic delivery system for topical application comprised of; (i) A quaternary ammonium Extra-cellular antioxidant agent, and (ii) An Intra-cellular antioxidant agent, and - (iii) An Anti-inflammatory agent, and (iv) A collagen boosting agent, and (v) A carrier base.

19. (New). A delivery system according to claim 18, wherein quaternary ammonium Extra-cellular antioxidant agent is selected from a quaternary ammonium derivative of cysteine, N-Acetyl-Cysteine, N-Acyl-Cysteine, N-Aroyl-Cysteine, Cystine, N-Acetyl-Cystine, N-Acyl-Cystine, N-Aroyl-Cystine, Glutathione, Glutathione dimer (oxidized glutathione), Glutathione Mono Esters, Glutathione dimer esters, biotin, lipoic acid, ascorbic acid, ascorbic acid esters, pantothenic acid, carnosine, and combinations thereof.

20. (New). A delivery system according to claim 18, wherein a quaternary ammonium extra-cellular antioxidant agent is further selected from, Cinnamidopropyl Trimonium N-Acetyl-Cysteinate, Cinnamidopropyl Trimonium ascorbate, Cinnamidopropyl Trimonium glutathionate, Cinnamidopropyl Trimonium carnosinate, Cinnamidopropyl Trimonium lipoate, Cinnamidopropyl Trimonium niacinate, Cinnamidopropyl Trimonium biotinate, Cinnamidopropyl Trimonium pantothenate, Polyquaternium-59 Glutathionate, Polyquaternium-59 ascorbate, Polyquaternium-59 carnosinate, Polyquaternium-59 lipoate, Polyquaternium-59 niacinate, Polyquaternium-59 pantothenate, Polyquaternium-59 N-acetyl-cysteinate, Polyquaternium-59 biotinate, Stearalkonium ascorbate, Stearalkonium biotinate, Stearalkonium N-acetyl-cysteinate, Stearalkonium lipoate, Stearalkonium niacinate, Stearalkonium carnosinate, Stearalkonium glutathionate, Stearalkonium pantothenate, and combinations thereof.

21. (Canceled). A delivery system according to claim 18, wherein quaternary ammonium Extra-cellular antioxidant agent is Polyquaternium-59 Glutathione.

22.(New). A delivery system according to claim 18, wherein quaternary ammonium Extra-cellular antioxidant agent is Cinnamidopropyl Trimonium N-Acetyl-Cysteinate.

23.(New). A delivery system according to claim 18, wherein an intra-cellular antioxidant agent is selected from Ascorbic acid, Ascorbic acid derivatives, Vitamin A, members of Vitamins B group, Vitamin D, Vitamin K, Carotenes, Biotin, Folic Acid Vitamin E, Vitamin E derivatives, Tocotrienol, Rutin, Quercetin, Hesperedin (*Citrus sinensis*), Diosmin (*Citrus sinensis*), Mangiferin (*Mangifera indica*), Mangostin (*Garcinia mangostana*), Cyanidin (*Vaccinium myrtillus*), Astaxanthin (*Haematococcus algae*), Lutein (*Tagetes patula*), Lycopene (*Lycopersicum esculentum*), Resveratrol (*Polygonum cuspidatum*), Tetrahydrocurcumin (*Curcuma longa*), Rosmarinic acid (*Rosmarinus officinalis*), Hypericin (*Hypericum perforatum*), Ellagic acid (*Punica granatum*), Chlorogenic acid (*Vaccinium vulgaris*), Oleuropein (*Olea europaea*), alpha-Lipoic acid, Dihydrolipoic acid, Glutathione, Andrographolide, Grapeseed extract, Green Tea Extract, Polyphenols, Pycnogenol (Pine Bark extract), White Tea extract, Black Tea extract, (*Andrographis paniculata*), Carnosine, Niacinamide, Emblica extract, hydroquinone, arbutin, hydroquinone derivatives, Paper Mulberry extract (*Broussonetia kazinoke*), Mitracarpe extract (*Mitracarpus scaber*), Bearberry extract (*Arctostaphylos uva ursi*), Yellow Dock extract (*Rumex crispus* and *Rumex occidentalis*), Glutathione, Leucocyte extract, Aspergillus orizae extract (*Aspergillus orizae*), Licorice Root extract (*Glycyrrhiza glabra*), Rosmarinic acid (*Rosmarinus officinalis*), Tetrahydrocurcumin, Green Tea extract (*Camellia sinensis*), Yohimbe extract (*Pausinystalia yohimbe*), Ecklonia cava extract, niacinamide, Hydroxytetronic acid, Spondias mombin extract, Maprounea guianensis extract, Walteria indica

extract, Gouania blanchetiana extract, Cordia schomburgkii extract, Randia armata extract, Hibiscus furcellatus extract, Galanga extract (Kaempferia galanga), Benzophenone-3, Benzophenone-4, Ethylhexyl Methoxycinnamate, Homosalate, Ethylhexyl salicylate, Octocrylene, Menthyl anthranilate, Avobenzone, Lawsone, Sulisobenzone, Trolamine salicylate, Lawsone, Glyceryl aminobenzoate, Cinoxate, PABA, copper nucleotide, zinc nucleotide, manganese nucleotide, and combinations thereof.

24. (Canceled). A delivery system according to claim 18, wherein intra-cellular antioxidant agent is Dihydrolipoic acid.

25. (New). A delivery system according to claim 18, wherein intra-cellular antioxidant agent is copper nucleotide.

26. (New). A delivery system according to claim 18, wherein anti-inflammatory agent is selected from Horse Chestnut Extract (Aesculus hippocastanum extract)), Esculin, Escin, Yohimbine, Capsicum Oleoresin, Capsaicin, Niacin, Niacin Esters, Methyl Nicotinate, Benzyl Nicotinate, Niacinamide, Niacinamide derivatives, Ruscogenins, Diosgenin (Trigonella foenumgraecum, Fenugreek), Emblica extract (Phyllanthus emblica extract), Asiaticoside (Centella asiatica extract), Boswellia Extract (Boswellia serrata), Ginger Root Extract (Zingiber Officianalis), Piperine, Vitamin K, Melilot (Melilotus officinalis extract), Glycyrrhetic acid, Ursolic acid, Sericoside (Terminalia sericea extract), Darutoside (Siegesbeckia orientalis extract), Amni visnaga extract, extract of Red Vine (Vitis-Vinifera) leaves, apigenin, phytosan, luteolin; Tinospora , Stephania, Vitis, Feverfew, Baccharus, Rumex, Psoralea, Coptis, Ogon, Polygonum, Cinnamon, Qiang Huo,

Scoparia, Tithinia, Celastrus, Eucomis, SAMe, Evodia, Syzygium, Capsicum, Galanga, Turmeric, Ginger, and combinations thereof.

27. (New). A delivery system according to claim 18, wherein anti-inflammatory agent is apigenin.

28. (Canceled). A delivery system according to claim 18, wherein anti-inflammatory agent is yohimbine.

29. (New). A delivery system according to claim 18, wherein collagen boosting agent is selected from glucosamine, N-acetyl-glucosamine, chondroitin, algae extracts, chitosan, niacinamide, niacinamide derivatives, copper nucleotides zinc nucleotide, manganese nucleotide, glutathione, carnosine, vitamin C, vitamin E, vitamin A, Coenzyme Q10, lipoic acid, dimethylamino ethanol, Ascorbic acid, Ascorbic acid derivatives, Glucosamine ascorbate, Arginine ascorbate, Lysine ascorbate, Glutathione ascorbate, Nicotinamide ascorbate, Niacin ascorbate, Allantoin ascorbate, Creatine ascorbate, Creatinine ascorbate, Chondroitin ascorbate, Chitosan ascorbate, DNA Ascorbate, Carnosine ascorbate, Vitamin E, various Vitamin E derivatives, Tocotrienol, Rutin, Quercetin, Hesperedin (Citrus sinensis), Diosmin (Citrus sinensis), Mangiferin (Mangifera indica), Mangostin (Garcinia mangostana), Cyanidin (Vaccinium myrtillus), Astaxanthin (Haematococcus algae), Lutein (Tagetes patula), Lycopene (Lycopersicum esculentum), Resveratrol (Polygonum cuspidatum), Tetrahydrocurcumin (Curcuma longa), Rosmarinic acid (Rosmarinus officinalis), Hypericin (Hypericum perforatum), Ellagic acid (Punica granatum), Chlorogenic acid (Vaccinium vulgaris), Oleuropein (Olea europaea), Niacinamide lipoate, Glutathione, Andrographolide (Andrographis paniculata), Potentilla erecta extract, Polyphenols,

Grapeseed extract, Pycnogenol (Pine Bark extract), copper glucoside, zinc glucoside, manganese glucoside, and combinations thereof.

30. (New). A delivery system according to claim 18, wherein collagen boosting agent is carnosine ascorbate.

31. (Canceled). A delivery system according to claim 18, wherein collagen boosting agent is Niacinamide Lipoate.

32. (Canceled). A delivery system according to claim 18, wherein collagen boosting agent is Niacinamide Ascorbate.

33. (New). A delivery system according to claim 18, wherein a carrier base is selected from traditional water and oil emulsions, suspensions, colloids, microemulsions, clear solutions, suspensions of nanoparticles, emulsions of nanoparticles, or anhydrous compositions.

34. (New). A delivery system according to claim 18, wherein skin cleansers, surfactants, skin conditioning agents, hair conditioning agents, vitamins, hormones, minerals, plant extracts, anti-inflammatory agents, concentrates of plant extracts, emollients, moisturizers, skin protectants, humectants, silicones, skin soothing ingredients, analgesics, skin penetration enhancers, solubilizers, anesthetics, colorants, perfumes, preservatives, seeds, seed nut shells, silica, clays, beads, luffa particles, polyethylene balls, mica, pH adjusters, processing aids, fragrances, and their combinations, are included.

35. (New). A carrier base according to claim 18, wherein carrier base is an anhydrous composition.